

AMENDMENTS TO THE CLAIMS

Please cancel apparatus claims 4 and 5 and the method claims 6 to 11 without prejudice or disclaimer and amend the pending claims as shown below. A complete listing of all claims is presented.

1. (Currently amended) A small vibration motor comprising:

a rotor yoke in which an unbalance weight and a magnet are placed and which is fixed to a shaft;

a driving torque generating coil that is placed on a substrate so as to face said magnet;

driving electronic parts placed on said substrate, each of which comprises an integrated circuit comprising non-molded bare chips; supplying an alternating current to said driving torque generating coil to rotate said rotor yoke around said shaft;

a bottom plate which supports said substrate and to which a radial bearing that said shaft is engaged with is fixed; and

a cover for covering said rotor yoke, said driving torque generating coil and said driving electronic parts, which is adhered to said bottom plate,

wherein said substrate comprises a flexible substrate, and said driving torque generating coil is electrically connected to said flexible substrate through three terminals,

wherein said substrate protrudes from said cover adhered to said bottom plate and comprises a terminal formed thereon,

wherein said terminal is engaged with a connector mounted on an external member and is thereby electrically connected with said external member.

2 – 11. (Canceled)

12. (New) A small vibration motor comprising:

a relatively thin metal bottom plate;

a rotatable shaft supported by at least a radial bearing on said bottom plate, and a thrust bearing at an end of said shaft near said bottom plate;

a rotor yoke rotatable with said rotatable shaft and on which an unbalanced weight and a magnet are placed so that rotation of said yoke causes vibration;

a flexible substrate supported by said thin metal plate;

a flexible generating coil placed on said flexible substrate so as to face said magnet for generating a driving torque;

driving electronic parts placed on said substrate, which comprises an integrated circuit comprising non-molded bare chips, supplying an alternating current to said driving torque generating coil to rotate said rotor yoke around said shaft; and

a cover for covering said rotor yoke, said driving torque generating coil and said driving electronic parts, which cover is adhered to said bottom plate.